



GUANGJIN (ZHENGZHOU) IMPORTS & EXPORTS TRADING CO., LTD.


Sales Add: 12F, Shengdi Building, No.101 Nanyang Road, Jinshui District, Zhengzhou, Henan, China.

Factory Add: Tianyuan South Road, Puwang Industrial Zone, Fan County, Puyang, Henan, China.

Tel: 86-371-66096188 Fax: 86-371-86081658 Contact: Hillen

<http://www.guangjin-shine.com> <http://zzguangjin.en.alibaba.com>

PPR PIPE

Name	Image	D _n (mm)	E _n (mm)			
			Cold Water Supply		Cold or Hot Water Supply	
			PN 1.25	PN 1.6	PN 2.0	PN 2.5
Ppr Pipe		16		1.9	2.2	
		20	2.0	2.3	2.8	3.4
		25	2.3	2.8	3.5	4.2
		32	2.9	3.6	4.4	5.4
		40	3.7	4.5	5.5	6.7
		50	4.6	5.6	6.9	8.3
		63	5.8	7.1	8.6	10.5
		75	6.8	8.4	10.1	12.5
		90	8.2	10.1	12.3	15.0
		110	10.0	12.3	15.1	18.3
160	14.6	17.9	21.9	26.6		

Remark:

1. D_n: Nominal Outside Diameter
2. E_n: Nominal Wall Thickness
3. PN: Nominal Pressure (Unit: Mpa)

Properties and Typical Value

Properties		Typical Value
Specific Gravity, g/cm ³ , 20°C		0.89-0.91
Tensile Strength, Mpa		≥20
Modulus of Elasticity, N/mm ² , 20°C		800
Thermal Conductivity, w/m•k, 20°C		0.23-0.24
Coefficient of Linear Expansion, mm/m•k		0.14-0.16
Longitudinal Reversion, % , 135(C), 2h		≤2
Pendulum Impact Test,% (15J, 0(C), 2h): Breaking Ratio		≤2
Hydraulic Pressure Test	20(C), Hoop Stress is 16MPa, 1h	No Failure
	95(C), Hoop Stress is 3.5MPa, 1000h	No Failure
	110(C), Hoop Stress is 1.90MPa, 8760h	No Failure
Seal Test of Socket Fusion Joint	20(C), 1h, Test Pressure is 2.4 times of Nominal Pressure	No Failure

Applications

1. Pipeline system of residential hot or cold water
2. Transportation and discharge of water for industrial use or chemical species
3. Pipe of pure water or drinking water
4. Procreative and conveying system of soft drink and mediation
5. Pipe for pressure air
6. Other pipes for industry agriculture

Features

1. Material: Random Polypropylene
2. Sizes: dia16mm to dia160mm
3. Standard: GB/T18742.2-2002, ISO9001, ISO14001
4. Colors: Light grey or white, pipe for cold water is marked with blue stripes, pipe for hot water is marked with red stripes. Other colors are also available upon request
5. 4m or 5.8m straight length (all size), other forms are also available upon request.
6. Connection: socket fusion joint, electro fusion joint or transition joint

Advantages

1. High Temperature Resistance: the maximum sustained working temperature is up to 70 Degrees Celsius, the maximum transient temperature is up to 95 Degrees Celsius.
2. Heat Preservation: low thermal conductivity which is only 1/1500 of brass pipe, and 1/250 of steel pipe.
3. Non-toxic: no heavy metal additives, would not be covered with dirt or contaminated by bacterium.
4. Corrosion Resistant: resist chemical matters or electron chemical corrosion.
5. Lower Installation Costs: light weight and ease of installation can reduce installation costs by as much as 50% over metal piping system.
6. Higher Flow Capacity: smooth interior walls result in lower pressure loss and higher volume than metal pipes.
7. Long Life: more than 50 years under normal conditions
8. Recycled and Environment-friendly.

PPR FITTINGS


Image	Name	Size(mm)	Capacity pcs/carton
	Reducing Tee	φ25×20	150
		φ32×20	100
		φ32×25	96
		φ40×20	48
		φ40×25	75
		φ40×32	32
		φ50×20	40
		φ50×25	24
		φ50×32	36
		φ50×40	26
		φ63×20	24
		φ63×25	24
		φ63×32	24
		φ63×40	24
		φ63×50	12
		φ75×32	16
		φ75×40	12
		φ75×50	12
		φ75×63	6
		φ90×32	6
φ90×40	6		
φ90×50	6		
φ90×63	6		
φ90×75	6		
φ110×50	4		
φ110×63	4		
φ110×75	4		
φ110×90	4		


Image	Name	Size(mm)	Capacity pcs/carton
	Reducer Coupling	φ25×20	400
		φ32×20	300
		φ32×25	200
		φ40×20	126
		φ40×25	144
		φ40×32	108
		φ50×20	120
		φ50×25	110
		φ50×32	80
		φ50×40	72
		φ63×25	60
		φ63×32	60
		φ63×40	60
		φ63×50	40
		φ75×32	36
		φ75×40	48
		φ75×50	30
		φ75×63	18
		φ90×50	24
		φ90×63	18
φ90×75	15		
φ110×50	16		
φ110×63	16		
φ110×75	10		
φ110×90			


Image	Name	Size(mm)	Capacity pcs/carton
	Male Elbow	φ20×1/2	160
		φ25×3/4	100
		φ32×1	40


Image	Name	Size(mm)	Capacity pcs/carton
	Male Tee	φ20×1/2	200
		φ25×3/4	100
		φ32×1	40


Image	Name	Size(mm)	Capacity pcs/carton
	Female Reducing Coupling	φ25×1/2	200
		φ32×1/2	200
		φ32×3/4	180


Image	Name	Size(mm)	Capacity pcs/carton
	Female Elbow	φ20×1/3	200
		φ25×3/5	100
		φ32×2	54


Image	Name	Size(mm)	Capacity pcs/carton
	Male Coupling	φ20×1/2	200
		φ25×3/4	150
		φ32×1	72
		φ40×1' 1/4"	40
		φ50×1' 1/4"	32
		φ63×2"	24
		φ75×2' 1/2"	


Image	Name	Size(mm)	Capacity pcs/carton
	Female Coupling	φ20×1/2	240
		φ25×3/4	170
		φ32×1	90
		φ40×1' 1/4"	48
		φ50×1' 1/4"	32
		φ63×2"	24
		φ75×2' 1/2"	


Image	Name	Size(mm)	Capacity pcs/carton
	Female Tee	φ20×1/2	200
		φ25×3/4	100
		φ32×1	40


Image	Name	Size(mm)	Capacity pcs/carton
	Union	φ20	200
		φ25	160
		φ32	100


Image	Name	Size(mm)	Capacity pcs/carton
	Male Plug	φ20×1/2"	
		φ25×3/4"	
		φ32×1"	


Image	Name	Size(mm)	Capacity pcs/carton
	Female Reducing Tee	φ25×1/2	120
		φ32×1/2	100
		φ32×3/4	80


Image	Name	Size(mm)	Capacity pcs/carton
	Male Reducing Coupling	φ25×1/2	200
		φ32×1/2	180
		φ32×3/4	150


Image	Name	Size(mm)	Capacity pcs/carton
	Male Reducing Tee	φ25×1/2	
		φ32×1/2	
		φ32×3/4	


Image	Name	Size(mm)	Capacity pcs/carton
	90 Deg Female Reducing Elbow	φ25×1/2	150
		φ32×1/2	120
		φ32×3/4	100


Image	Name	Size(mm)	Capacity pcs/carton
	90 Deg Male Reducing Elbow	φ25×1/2	180
		φ32×1/2	120
		φ32×3/4	100


Image	Name	Size(mm)	Capacity pcs/carton
	Stop Valves	φ20	75
		φ25	50
		φ32	50
		φ40	20
		φ50	15
		φ63	10
		φ75	7


Image	Name	Size(mm)	Capacity pcs/carton
	Copper Ball Valves	φ20	
		φ25	
		φ32	
		φ40	
		φ50	
		φ63	
		φ75	
		φ90	


Image	Name	Size(mm)	Capacity pcs/carton
	45 Deg Elbow	φ20	300
		φ25	160
		φ32	100
		φ40	50
		φ50	40
		φ63	20
		φ75	16
		φ90	8
		φ110	6
		φ160	


Image	Name	Size(mm)	Capacity pcs/carton
	90 Deg Elbow	φ20	300
		φ25	200
		φ32	120
		φ40	48
		φ50	30
		φ63	15
		φ75	12
		φ90	6
		φ110	4
		φ160	


Image	Name	Size(mm)	Capacity pcs/carton
	Tee	φ20	240
		φ25	150
		φ32	90
		φ40	48
		φ50	26
		φ63	12
		φ75	6
		φ90	6
		φ110	4
		φ160	


Image	Name	Size(mm)	Capacity pcs/carton
	Pipe Sleeve	φ20	500
		φ25	400
		φ32	160
		φ40	120
		φ50	60
		φ63	36
		φ75	24
		φ90	16
		φ110	8
		φ160	


Image	Name	Size(mm)	Capacity pcs/carton
	Cap	φ20	800
		φ25	500
		φ32	320
		φ40	120
		φ50	100
		φ63	48
		φ75	36
		φ90	20
		φ110	10


Image	Name	Size(mm)	Capacity pcs/carton
	Equal Crossing	φ20	
		φ25	
		φ25*25*20*20	
		φ32	
		φ32*32*25*25	
		φ40	
		φ50	
		φ63	


Image	Name	Size(mm)	Capacity pcs/carton
	Stub Flange	φ40	40
		φ50	30
		φ63	28
		φ75	27
		φ90	20
		φ110	18
		φ160	


Image	Name	Size(mm)	Capacity pcs/carton
	Flange	φ63	10
		φ75	10
		φ90	10
		φ110	10
		φ160	10


Image	Name	Size(mm)	Capacity pcs/carton
	Pipe Clamp	φ20	400
		φ25	300
		φ32	144
		φ40	



Image	Name	Size(mm)	Capacity pcs/carton
	Reducing Elbow	φ25×20	240
		φ32×20	200
		φ32×25	160

Image	Name	Size(mm)	Capacity pcs/carton
	Angle Branch	φ20	10
		φ25	10